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Reporting for the week ending August 1, 2010.

General

Extremely high temperatures were observed in most parts of the state last week as 22 of the 36 weather stations reported a high temperature of 100 degrees Fahrenheit or higher. Highs ranged from 95 degrees Fahrenheit at Calico Rock to 104 degrees Fahrenheit at Camden and Eudora. Low temperatures ranged from 68 degrees Fahrenheit at Calico Rock and Gilbert to 75 degrees Fahrenheit at Stuttgart. There were several reports of wind damage and flash flooding last week as remnants of Tropical Depression Bonnie moved through the state. The greatest precipitation amount was in Hot Springs with 3.18 inches, followed by Monticello with 2.46 inches. Topsoil moisture supplies were 13 percent very short, 56 percent short, 29 percent adequate, and 2 percent surplus. Subsoil moisture supplies were 12 percent very short, 49 percent short, 38 percent adequate, and 1 percent surplus. Farmers averaged 6.7 days suitable for fieldwork.

Crops

The corn crop was 97 percent in the dough stage, 87 percent in the dent stage, and 37 percent mature by the end of last week. Ninety-six percent of the cotton crop was in the setting bolls stage, with 2 percent opening bolls. The rice crop was 74 percent headed by the end of last week, with 3 percent of the crop ripe. The sorghum crop was 99 percent headed, with 69 percent of the crop coloring, and 9 percent of the crop reaching maturity by week's end. Soybeans blooming reached 88 percent, 71 percent of the crop was setting pods, and 4 percent was yellowing. Insect pressure and high temperatures continued to be a concern for many farmers around the state last week. Farmers were still dealing with armyworms and stinkbugs in many fields. All crop conditions declined slightly from last week as crops were still suffering from heat stress due to the drought conditions experienced over parts of the state.

Livestock

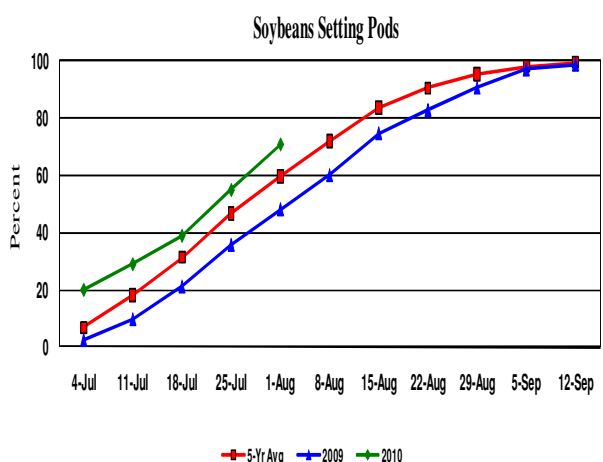
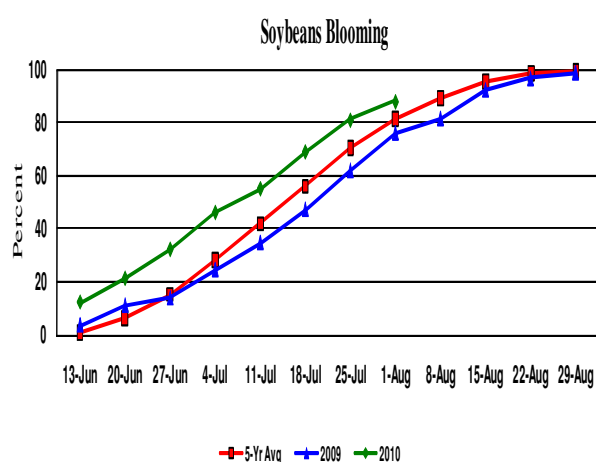
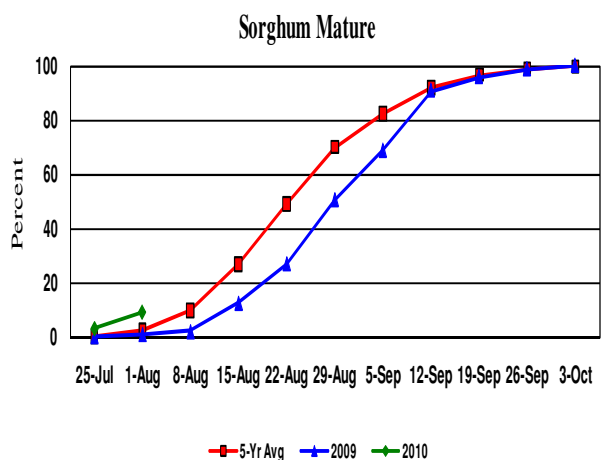
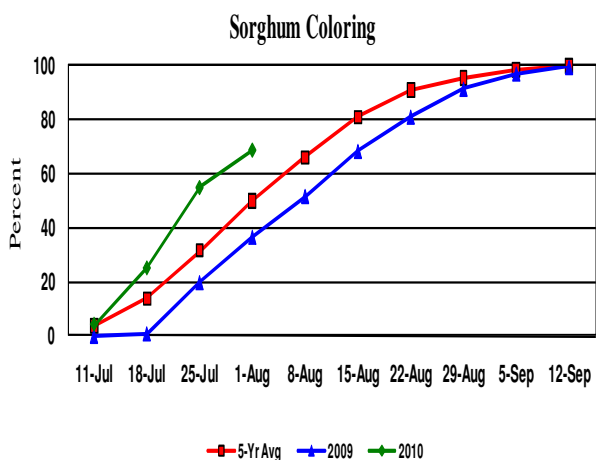
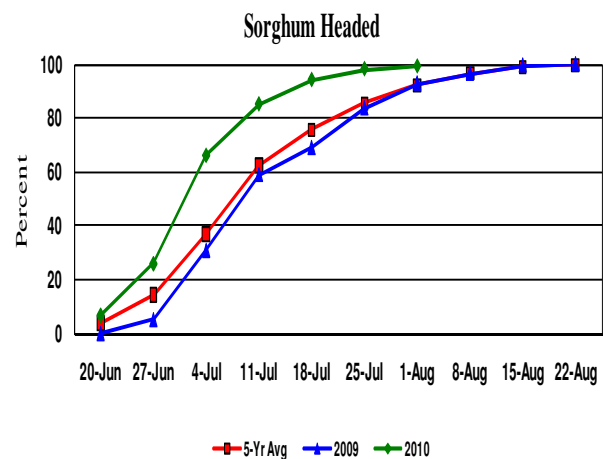
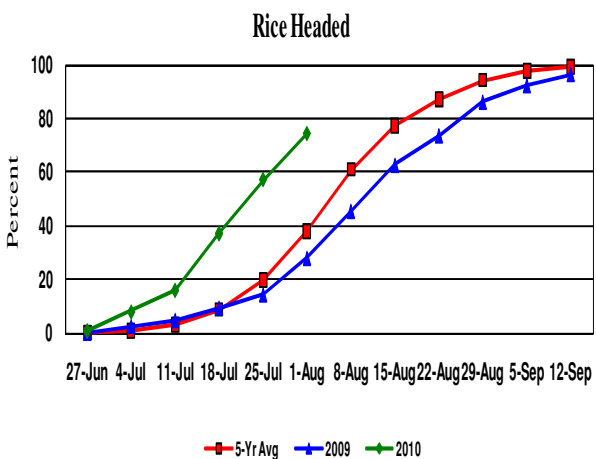
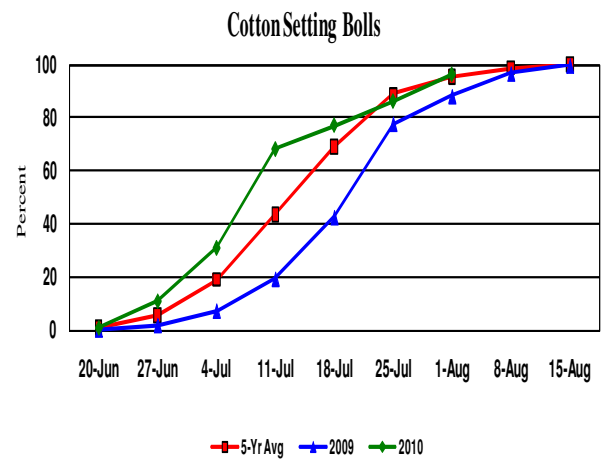
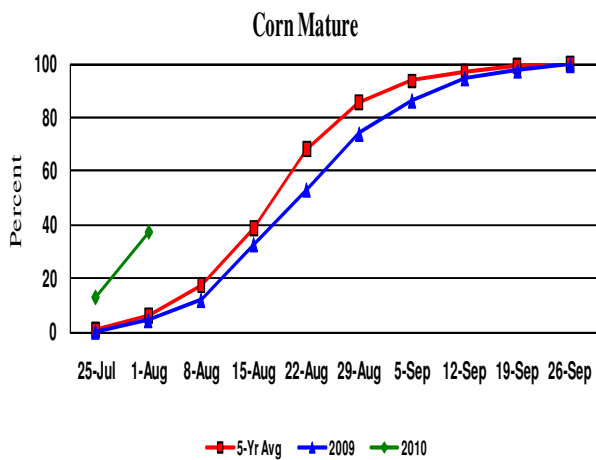
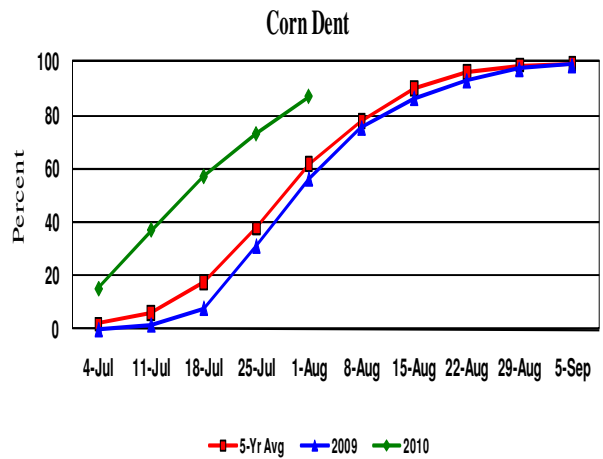
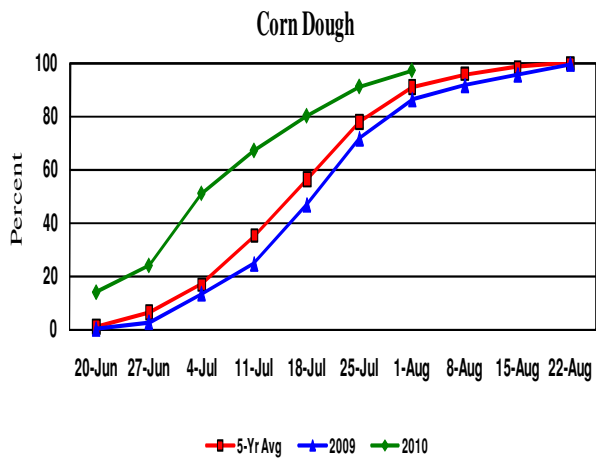
Livestock remained in mostly fair to good condition last week. High temperatures and dry conditions continued to cause heat stress on livestock in some areas. Pasture and range and hay crops were reported in mostly fair to good condition. Pastures and hay fields were treated for insect pressure in various counties last week.

Percent of Progress

Crop	Stage	Current Week	Previous Week	2009	5-Year Avg
Corn	Dough	97	91	86	91
	Dent	87	73	56	62
	Mature	37	13	4	6
Cotton	Setting Bolls	96	86	88	95
	Opening Bolls	2	0	0	0
Rice	Headed	74	57	28	38
	Ripe	3	0	0	0
Sorghum	Headed	99	98	93	92
	Coloring	69	55	37	50
	Mature	9	3	1	2
Soybeans	Blooming	88	81	76	81
	Setting Pods	71	55	48	60
	Yellowing	4	1	0	1

Condition in Percentages

Crop	Very Poor	Poor	Fair	Good	Excellent
Corn	1	12	29	43	15
Cotton	1	5	35	45	14
Rice	1	6	31	44	18
Sorghum	4	12	48	34	2
Soybean	4	16	33	37	10
Hay-Alfalfa	0	3	37	56	4
Hay-Other	1	17	45	33	4
Pasture and Range	1	15	48	33	3



Temperatures and Precipitation Week Ending August 1, 2010									
District	Station	Temperatures			Rainfall				
		High	Low	Dep from Normal *	Wk Ending Aug 1	4 wk	4 wk	Year to Date	
						Accum	Normal	2010	Normal
Northwest	Fayetteville	98	70	2	0.01	9.02	2.68	33.20	26.87
	Harrison	96	70	3	0.00	7.67	2.39	31.61	26.05
N. Central	Calico Rock	95	68	3	0.20	8.32	2.72	32.24	26.86
	Gilbert	97	68	3	0.00	8.82	2.29	32.23	26.23
	Greers Ferry	97	71	3	2.28	4.69	3.03	29.99	29.75
	Mtn. Home	97	72	4	0.72	8.73	2.37	34.06	26.34
Northeast	Batesville	100	73	4	1.22	7.34	2.80	31.53	27.84
	Blytheville	97	74	3	0.02	1.24	3.49	19.53	31.68
	Jonesboro	100	74	3	0.29	2.49	2.45	20.96	27.75
	Keiser	98	72	3	0.60	3.05	3.16	27.57	30.99
	Newport	98	72	2	0.32	4.96	2.95	29.80	28.98
W. Central	Booneville	101	70	1	1.04	5.23	3.07	25.25	28.60
	Clarksville	100	71	3	0.01	5.62	2.54	28.81	27.29
	Dardanelle	101	71	2	0.11	4.07	2.92	32.71	28.88
	Ft. Smith	103	72	3	0.00	1.94	2.79	23.85	25.96
	Mena	100	69	2	0.50	2.44	4.45	32.57	34.66
	Ozark	100	69	2	0.17	4.07	3.09	30.34	26.46
Central	Conway	100	71	2	0.30	4.71	2.53	25.79	28.66
	Hot Springs	97	70	0	3.18	4.78	3.69	31.93	34.42
	Little Rock	102	74	5	0.25	1.19	2.92	23.88	30.07
	Morrilton	103	71	4	1.18	6.46	2.44	32.44	28.54
	N. Little Rock	100	73	2	0.77	5.23	2.85	28.56	29.06
E. Central	Brinkley	99	73	4	0.40	2.70	2.79	22.48	31.14
	Marianna	100	72	4	0.13	2.31	3.37	27.38	33.05
	Stuttgart	100	75	2	0.05	0.42	2.84	20.60	30.45
	West Memphis	96	72	3	0.14	4.00	2.91	32.27	32.67
Southwest	DeQueen	99	70	1	1.16	3.58	3.56	26.89	32.59
	Hope	102	72	3	1.20	2.49	3.33	22.68	32.04
	Texarkana	103	72	2	0.30	1.72	3.29	18.20	28.06
S. Central	Camden	104	72	3	0.07	2.02	3.42	21.53	32.43
	El Dorado	102	72	1	1.37	3.97	3.64	23.91	34.39
	Warren	103	72	3	0.38	4.52	3.59	24.32	34.33
Southeast	Eudora	104	74	4	0.82	2.35	3.19	29.54	36.79
	Monticello	103	73	5	2.46	3.63	3.63	23.75	34.80
	Pine Bluff	100	73	3	1.62	4.05	3.62	22.79	31.76
	Rohwer	99	73	2	0.92	3.70	3.37	26.21	32.82

* Departure from normal = $\frac{(\text{high} - \text{low})}{2} - 30$ year average

Produced by:
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